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**SUMMARY OF TELECONFERENCE MEETING #2  
CROSS CUTTING ISSUES TECHNICAL WORKING GROUP  
March 3, 2006**

**Attendance:**

1. Workgroup members:  
Sandy Bahr, Sierra Club  
Kirsten Engel, University of Arizona  
CV Mathai for Ed Fox, APS  
Karen O'Regan, City of Phoenix  
Steve Owens, Arizona Dept of Environmental Quality  
Jeff Schlegel, SWEEP  
Penny Allee Taylor, Southwest Gas
2. ADEQ Staff:  
Cortland Coleman, Ira Domsy and Marnie Greenbie
3. Center for Climate Strategies (CCS):  
Tom Peterson and Ken Colburn
4. Other Attendees: Gaye Knight, City of Phoenix; Brian O'Donnell, Southwest Gas

**Background documents:**

(all posted at: [www.azclimatechange.us/template.cfm?FrontID=4846](http://www.azclimatechange.us/template.cfm?FrontID=4846))

1. Notice & Agenda
2. Powerpoint presentation for meeting

**Discussion items and key issues:**

1. This was the second discussion of the Cross-Cutting Issues TWG and was focused entirely on the issue of state greenhouse gas (GHG) goals. Tom Peterson and Ken Colburn of CCS presented a series of numerical examples of general approaches and potential state goals for review and discussion. These included:

- a. Measurement of Arizona GHG emissions in: 1) total tons emitted (million metric tons carbon dioxide equivalent or MMTCO<sub>2</sub>e); 2) per capita state emissions; and 3) emissions per unit of gross state product (GSP)
  - b. The comparative rates of GHG growth, economic growth (non farm jobs), and population growth forecasted in Arizona from 1990-2020.
  - c. The absolute tonnage level of GHG reductions achieved by Northeast and West Coast states that have completed climate action plans that can be compared to forecasted rates of GHG growth from 1990-2020. Results are very similar for these states and average 22 percent reduction of total 1990 GHG levels beneath forecasted baseline in 2010, and 43 percent reduction of total 1990 GHG levels beneath forecasted baseline in 2020.
  - d. The application of this level of effort to Arizona such that the same level of estimated 1990 GHG levels would be reduced beneath forecasted levels of GHG in 2010 and 2020.
  - e. A review of “common but differentiated” targets by Annex 1 countries participating in the Kyoto Protocol. These follow a similar format to goals set by U.S. states.
  - f. A review of key data sources, methods, assumptions and uncertainties associated with this initial analysis of potential state GHG goals in Arizona.
2. The group asked several clarifying questions and requested further information for review and discussion at the next TWG discussion. This included:
- a. Correction of the labeling of the Y-axis for some graphs to indicate that units are expressed in terms of the percent of total 1990 GHG levels.
  - b. Expression of GHG reductions in absolute tons as well as percent levels.
  - c. Consideration of macroeconomic analysis to determine the cost of various potential goals. Ken Colburn and Tom Peterson responded that such analysis would not be possible by the next TWG call, and that it would be an issue for further discussion and consideration by the TWG and CCAG. It was also noted that the cost curves for particular state goals are largely determined by the results of CCAG recommendations on specific actions that will be available for review at the fifth CCAG meeting.
  - d. Development of new scenarios for review, including:
    - i. A comparison of the level of effort achieved by other state plans as applied to Arizona (a repeat of slides presented in this call).
    - ii. Application of the New England Governor’s/Eastern Canadian Premier’s level-of-effort targets to Arizona, using base years of 1990 and 2000.

- iii. Exploration of goals to cut the growth in total emissions in Arizona by 50 percent over various time frames. The group authorized CCS to develop a range of applicable scenarios.

**Next steps:**

1. The next CC TWG call will be Friday, March 10, from 1 p.m. to 2:30 p.m. Mountain Time. The focus of the discussion will be to review results of state GHG goal scenarios requested by the group and to begin review of reporting, registries and education issues. In addition, the group will determine what to present to the CCAG at its March 17 meeting.
2. The CCAG will hold its fourth meeting on March 17, 2006, at Salt River Project headquarters, 1521 N. Project Drive, Tempe from 9:30 a.m. to 4 p.m.